

**Environmental Cleanup Site Information Database
Site Summary Report - Details for Site ID 141**

This report shows data entered as of April 14, 2003 at 1:34:33 PM

See the bottom of this page for a key to certain acronyms and terms used in the report below

For more information on what is occurring at this site see [DEQ's Facility Profiler](#).

Site Information

Site ID: 141	Site Name: Oregon Steel Mills - Rivergate	CERCLIS No: 009106055
	Address: 14400 N Rivergate BLVD Portland 97203	
	County: Multnomah	Region: Northwest
	Investigation Status: Listed on CRL or Inventory	NPL Site: No
		Orphan Site: No
		Study Area: No
Property:	Twtnshp/Range/Sect: 2N , 1W , 26	Tax Lots: 1 of Lot 1 (R64977 4290)
	Latitude: 45 deg. 37 ' 41"	Longitude: -122 deg. 46 ' 53"
		Site Size: 145 acres

**Other Site
Names:**

Gilmore Steel Corp. - Rivergate

Operations:

Name: Oregon Steel Mills - Rivergate

Comments: Steel rolling and finishing mill

Years of Operation:

SIC Code: 3312

Operating Status: Active

Contamination Information

Hazardous Substances/Waste Types: Suspected or confirmed hazardous substances currently or historically present at the site include: petroleum associated with the former oil sump (pre-1961); PCBs; petroleum from existing UST, AST, and drips, spills, and leaks; paint wastes (lead, cadmium, chromium, copper, manganese and zinc); and metals such as, but not limited to, zinc, lead, cadmium, chromium, nickel, and copper.

Manner and Time of Release: Spills and seepages associated with the former oil sump between approximately 1944 and 1961. General steel mill operations, and associated spills and leaks from 1967 to present.

Contamination Information: (11/3/01 BBH/VCP) Oregon Steel Mills purchased the property from the Port of Portland in 1967 and is the current owner. Between about 1944 and 1961, petroleum releases associated with ponds labeled "oil sump" occurred. No evidence of these ponds was present in 1967. During OSM operations at the site, numerous spills (typically petroleum releases) have been reported, and specific releases of hazardous substances discovered, including: 1982, 1985, and 1991 identification of PCB releases to soil; releases from UST and AST to soil and groundwater; and metals, PCBs, and hydrocarbons in soils at the discharge point of OSM stormwater outfalls. OSM is evaluating potential sources of

USEPA SF



1469256

contamination, and will present its conclusions in a report to be submitted to DEQ in December 2001. (12/6/02 BBH/VCP) Petroleum-contaminated soil was identified in the oil sump area in the October 2002 investigations.

Pathways:

1) Surface water runoff and groundwater discharge to the Willamette River; 2) particulate transport to the river or to human receptors; 3) direct contact or incidental ingestion of contaminated soil, sediment, or groundwater.

Environmental/Health Threats:

Potential risks associated with 1) direct contact or ingestion of contaminated sediments by aquatic organisms, birds, or mammals; 2) consumption of fish or crayfish caught by recreational anglers; and 3) incidental ingestion or dermal contact with contaminated soil, sediments, or groundwater by human receptors.

Status of Investigative or Remedial Action:

(8/5/99 TG/SAP) DEQ recommends a high-priority Remedial Investigation to evaluate sediment contamination. (11/2/01 BBH/VCP) OSM has conducted previous investigations and remedial actions at the site. The 1982, 1985, and 1991 PCB release areas were remediated by excavating soil, reportedly to levels protective of human health; however, confirmation samples are not available to evaluate the residual risk. Soil investigations have been conducted in the scrap yard area (October 1994) and Mosely Sheer area (October 1996). OSM has an active spill-response program, and is currently monitoring groundwater (in association with the AST gasoline release and UST release near the Rolling Mill). OSM is completing a Pre-RI to identify and evaluate potential contaminant sources and is sampling soil, groundwater, and sediments to determine if the identified sources have released hazardous substances to the environment. Results of an initial Pre-RI submitted to DEQ in February 2001 confirmed the presence of the former "oil sump" in the southwestern portion of the site. DEQ is reviewing these results, as well as OSM's additional historical research. (12/6/02 BBH/VCP) A second phase of Pre-RI field work was completed in the fall of 2001. Sediment, soil, and groundwater data in the Final Pre-RI Summary Report (XPA equivalent, January 2002), indicate the presence of hazardous substances at the site that require further investigation. OSM submitted a RI Proposal and RI Work Plan in the Spring and Summer of 2002. The RI will evaluate the site in three phases. Field work for phase I was completed in the Fall of 2002.

Data Sources:

NWR Cleanup, HW, AQ, WQ files; "Contractual Documentation for Part A Application" (12/19/91); inspection reports; correspondence from owner and/or operator; Notice of Violation letter; hazardous waste manifests; lab results; 2/19/99 OSM submittal of Site Assessment Requested Information; July 2000, Pre-RI Workplan - Phase I; September 2001, Pre-RI Workplan - Phase II; OSM submittal of Site Assessment Requested Information, February 19, 1999; Pre-RI Workplan - Phase I, July 2000; Pre-RI Workplan - Phase II, September 2001; Pre-RI Assessment Report, January 2002; Supplemental Pre-RI Data, May 2002; RI Proposal, April 2002; RI Workplan, July 2002.

Substance Contamination Information

Substance	Media Contaminated	Concentration Level	Date Recorded	Lab Data	Agency Observation	Owner Operator Admission
CADMIUM	Sediment	2.1 ppm (Pre-RI)	10/20/2000	Yes	No	Yes
CADMIUM	Soil	13.0 ppm (Scrap yard)	10/12/1994	Yes	No	Yes
CHROMIUM	Sediment	819 ppm (Pre-RI)	10/20/2000	Yes	No	Yes
CHROMIUM	Soil	2,340 ppm (Scrap Yard)	10/12/1994	Yes	No	Yes
COPPER	Sediment	148 ppm (Pre-RI)	10/20/2000	Yes	No	Yes
COPPER	Soil	2,790 ppm (Scrap yard)	10/12/1994	Yes	No	Yes
LEAD	Sediment	166 ppm (Pre-RI)	10/20/2000	Yes	No	Yes
LEAD	Soil	820 ppm (Scrap yard)	10/12/1994	Yes	No	Yes
PCBs	Sediment	9,300 ppb (Pre-RI)	10/20/2000	Yes	No	Yes
POLYAROMATIC HYDROCARBONS (PAH)	Sediment	HPAHs 40 ppm (Pre-RI)	10/20/2000	Yes	No	Yes
POLYAROMATIC HYDROCARBONS (PAH)	Sediment	LPAHs 15 ppm (Pre-RI)	10/20/2000	Yes	No	Yes
POLYAROMATIC HYDROCARBONS (PAH)	Soil	LPAHs 330 ppm (Pre RI)	10/20/2000	Yes	No	Yes
POLYAROMATIC HYDROCARBONS (PAH)	Soil	HPAHs 180 ppm (Pre-RI)	10/20/2000	Yes	No	Yes
TOTAL PETROLEUM HYDROCARBONS (TPH)	Groundwater	TPH-Dx 9,100 ppb	10/20/2000	Yes	No	Yes
TOTAL PETROLEUM HYDROCARBONS (TPH)	Soil	TPH-Dx 26,000 ppm	10/20/2000	Yes	No	Yes
ZINC	Sediment	823 ppm (Pre-RI)	10/1/2000	Yes	No	Yes

Investigative, Remedial and Administrative Actions

Action	Start Date	Compl. Date	Resp. Staff	Agency Code	Region	Lead Pgm
Site added to database	08/16/1988		John Odisio	DEQ		SAS
Responsible party notified re 11/88 Inventory listing	11/30/1988			DEQ		SAS
SITE EVALUATION	02/27/1990	02/27/1990	John Odisio	DEQ	HQ	SAS
State Basic Preliminary Assessment recommended (PA)	02/27/1990	02/27/1990	John Odisio	DEQ	HQ	SAS
BASIC PRELIMINARY ASSESSEMENT	02/28/1990	02/28/1990	John Odisio	DEQ		SAS
Site added to CERCLIS	09/17/1991			EPA		

EPA Basic Preliminary Assessment	09/03/1992 09/03/1992	EPA			
SITE EVALUATION	08/05/1999 08/05/1999	Thomas Gainer	DEQ	NWR	SAS
Remedial Investigation recommended (RI)	08/05/1999 08/05/1999	Thomas Gainer	DEQ	NWR	SAS
Proposal for Confirmed Release List recommended	10/01/1999 10/01/1999	Thomas Gainer	DEQ	NWR	SAS
Proposal for Inventory recommended	10/01/1999 10/01/1999	Thomas Gainer	DEQ	NWR	SAS
Facility proposed for Inventory	11/12/1999 11/12/1999	Kim Van Patten	DEQ	NWR	SAS
Facility proposed for Confirmed Release List	11/12/1999 11/12/1999	Kim Van Patten	DEQ	NWR	SAS
Extension requested by owner/operator	12/15/1999 12/15/1999	Kim Van Patten	DEQ	NWR	SAS
Petition or request granted	12/27/1999 12/27/1999	Kim Van Patten	DEQ	NWR	SAS
Owner/operator comments received on listing notification	02/17/2000 02/17/2000	Kim Van Patten	DEQ	NWR	SAS
Letter Agreement	02/29/2000 06/14/2000	Rodney Struck	DEQ	NWR	VCS
NEGOTIATIONS	02/29/2000 06/14/2000	Rodney Struck	DEQ	NWR	VCS
BASIC PRELIMINARY ASSESSEMENT	06/14/2000 02/05/2001	Rodney Struck	DEQ	NWR	VCS
EXPANDED PRELIMINARY ASSESSMENT	06/14/2000 02/05/2001	Rodney Struck	DEQ	NWR	VCS
REMEDIAL INVESTIGATION	06/17/2000	Rodney Struck	DEQ	NWR	VCS
Place on hold	10/13/2000 10/13/2000	Rodney Struck	DEQ	NWR	VCS
Proposal for Inventory recommended	04/06/2001 04/06/2001	Rodney Struck	DEQ	NWR	VCS
Proposal for Confirmed Release List recommended	04/06/2001 04/06/2001	Rodney Struck	DEQ	NWR	VCS
Facility proposed for Inventory	06/18/2001 06/18/2001	Kim Van Patten	DEQ	NWR	VCS
Facility proposed for Confirmed Release List	06/18/2001 06/18/2001	Kim Van Patten	DEQ	NWR	VCS
Extension requested by owner/operator	08/06/2001 08/06/2001	Kim Van Patten	DEQ	NWR	VCS
Petition or request granted	08/23/2001 08/23/2001	Kim Van Patten	DEQ	NWR	VCS
Owner/operator comments received on listing notification	10/01/2001 10/01/2001	Kim Van Patten	DEQ	HQ	SAS
Facility placed on Confirmed Release List	01/18/2002 01/18/2002	Kim Van Patten	DEQ	HQ	SAS
Facility placed on Inventory	01/18/2002 01/18/2002	Kim Van Patten	DEQ	HQ	SAS

Key to certain acronyms and terms in this report:

CERCLIS No.: The U.S. EPA's Hazardous Waste Site identification number, shown only if EPA has been involved at the site.

Region: DEQ divides the state into three regions (E, NW, and W); the regional office shown is responsible for site investigation/cleanup.

NPL Site: Is the site on EPA's Superfund List? (Y/N).

Orphan Site: Has DEQ's Orphan Program been active at this site? (Y/N). The Orphan Program cleans up high-priority sites where owners and operators responsible for the contamination are absent, or are unwilling or unable to use their own resources for cleanup.

Study Area: Is this site a Study Area? (Y/N). ECSI assigns unique Site ID numbers to both individual sites and to Study Areas, which are groupings of individual ECSI sites that may be contributing to a larger, area-wide problem.

SIC Code: The Standard Industrial Classification code assigned to the operation described in this part of the report.

Pathways: A description of human or environmental resources that site contamination could affect.

Lead Pgm: This column refers to the Cleanup Program affiliation of the DEQ employee responsible for the action shown. SAS = Site Assessment; VCS = Voluntary Cleanup; SRS = Site Response (enforcement cleanup).

For more information about this page please contact Gil Wistar at (503) 229-5512 or via email at wistar.gil@deq.state.or.us.

DEQ Online is the official web site for the Oregon Department of Environmental Quality.